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|------------|------|--|
|            |      |  |

Application/Control No. Applicant(s)/Patent under Reexamination 09/674,947

SIMCIK ET AL. **Art Unit** 

Examiner Thomas A. Dixon

3639

Rejected Allowed

| 1 | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|       |                            | -         | AI           | 10     | we       | u            |  |              | -        |          |       | Κŧ    | Suic     | ite            |
|-------|----------------------------|-----------|--------------|--------|----------|--------------|--|--------------|----------|----------|-------|-------|----------|----------------|
|       |                            |           |              |        |          |              |  |              |          |          | 1 1   |       |          |                |
| Cla   | aim                        |           |              |        | [        | Date         | <u>e </u>  |              | _        |          |       | Cla   | im       |                |
| Final | Original                   | 4/06      | •            |        |          |              |  |              |          |          |       | Final | Original |                |
|       | ①<br>2                     | Y         |              |        |          |              |  |              |          |          |       |       | 51<br>52 |                |
|       | 2                          | Ш         | $\perp$      |        |          |              |  | L            |          |          |       |       | 52       |                |
|       | I 3 '                      | Ш         |              |        | _        |              |  |              |          |          |       |       | 53       |                |
|       | 4                          | Ш         |              |        |          |              |  | L            | <u> </u> |          |       |       | 54       |                |
|       | 5                          | Ш         | $\perp$      |        |          |              | L.   | <u> </u>     | _        |          |       |       | 55       |                |
|       | 6                          | V         | $\perp$      | _      | _        | L            | _  |              | Ш        | L        |       |       | 56       |                |
|       | 1                          | Щ         | $\dashv$     |        |          | L            | _  | 匚            | _        |          |       |       | 57       | <u></u>        |
|       | 1                          |           | $\dashv$     |        | _        |              |  | _            |          |          |       |       | 58       | 200            |
|       | 9                          | Ш         | $\dashv$     |        |          |              |  | L            |          | _        |       |       | 59       |                |
|       | 10                         | Ы         | $\dashv$     |        | _        | _            | ┡  | <u> </u>     | L        | <u> </u> |       |       | 60       | Ш              |
|       | 11                         | H         |              |        | _        | L            | _  | <u> </u>     | <u> </u> | <u> </u> |       |       | 61       | Н              |
|       | 12<br>13<br>14<br>15       |           | -+           | _      |          |              | _  | ├            | _        | _        |       |       | 62<br>63 | Н              |
|       | 113                        | $\vdash$  | $\dashv$     |        | _        | H            | _  | <u> </u>     | <u> </u> | <u> </u> |       |       | 63       |                |
|       | 14                         | Н         | $\dashv$     |        | _        | ┝            | _  | <u> </u>     | <u> </u> |          |       |       | 64       |                |
|       | 6                          | $\Box$    | $\dashv$     |        | _        | ┝            | _  | $\vdash$     | $\vdash$ | -        |       |       | 65<br>66 | H              |
|       | 17                         | Y         | -+           | _      | _        | -            | ┝  | <u> </u>     | -        | -        |       |       | 67       | Н              |
|       | 18                         | Н         | +            | _      | $\vdash$ | <del> </del> | ⊢  | <del> </del> |          | ⊢        |       |       | 68       | Н              |
|       | 19                         | Н         | $\dashv$     |        |          | -            |  | ⊢            | ⊢        | ├        |       |       | 69       | Н              |
|       | 20                         | Н         | $\dashv$     |        | $\vdash$ |              | $\vdash$   | -            |          | $\vdash$ |       |       | 70       |                |
|       | 21                         | Н         | -+           |        | -        | -            | $\vdash$   | ⊢            | -        | $\vdash$ | 1     |       | 71       |                |
|       | 22                         | Н         | $\dashv$     |        |          |              | -  | ⊢            | ┝        | $\vdash$ |       |       | 72       |                |
|       | 21<br>22<br>23<br>24)      | Н         | $\dashv$     |        | _        | ├            | _  | ⊢            | H        | -        |       |       | 72       | <u> </u>       |
|       | 22                         | ₩         | $\dashv$     |        | _        | <u> </u>     | _  | $\vdash$     | -        |          |       |       | 73<br>74 | -              |
|       | 25                         | Н         | $\dashv$     |        | _        | H            | -  |              |          |          |       |       | 75       | <del> </del> ; |
|       | 26                         | H         | $\dashv$     |        |          | $\vdash$     | H  |              | <u> </u> | <u> </u> |       |       | 76       | Η,             |
|       | 27                         | H         | 1            |        | _        | _            | $\vdash$   |              | _        | $\vdash$ |       |       | 77       | -              |
|       | 28                         | 1         | 1            |        |          | $\vdash$     | $\vdash$   |              |          | -        |       |       | 78       | ┢═             |
|       | 28                         | Ť         |              |        |          |              |  |              | _        |          |       |       | 79       | ┢              |
|       | 30                         |           | $\neg$       |        |          |              | _  |              |          |          |       | -     | 80       | 一              |
| -     | 3                          |           |              | -      |          | <u> </u>     | $\vdash$   | $\vdash$     |          |          | ii ii |       | 81       | $\vdash$       |
|       | 32                         |           |              |        |          | $\vdash$     |  |              |          |          |       |       | 82       | ┢              |
|       | 333                        |           |              |        |          |              |  |              |          |          |       |       | 83       |                |
|       | 34                         |           |              |        |          |              |  |              |          |          |       |       | 84       |                |
|       | 32<br>33<br>34<br>35<br>36 |           | $\Box$       |        |          |              |  |              |          |          |       |       | 85       |                |
|       | 36                         |           |              |        |          |              |  |              |          |          |       |       | 86       |                |
|       | 37                         |           |              |        |          |              |  |              |          |          |       |       | 87       | П              |
|       | (38)                       | У         |              |        |          |              |  |              |          |          |       |       | 88       |                |
|       | 39                         |           |              |        |          |              |  |              |          |          |       |       | 89       |                |
|       | 40                         |           |              |        |          |              |  |              |          |          |       |       | 90       |                |
|       | 41                         | Ш         |              |        |          |              |  |              |          |          |       |       | 91       |                |
|       | 42                         | Ш         | $\Box$       |        |          |              |  |              |          |          |       |       | 92       |                |
|       | 43                         | Ш         |              | _      |          | Щ            | $ldsymbol{ld}}}}}}$ | Ш            |          |          |       |       | 93       |                |
|       | 44                         | Ш         | $\perp$      |        |          | Ш            | Ш  |              |          |          |       |       | 94       |                |
|       | 45                         | <b>Y</b>  | $\dashv$     | $\Box$ |          | Щ            | Ш  | L            |          | Ш        |       |       | 95       | _              |
|       | 46                         | Ш         | $\downarrow$ | _      | _        |              | igwdown  | Ш            | $\Box$   | <u> </u> |       |       | 96       | <u></u>        |
|       | 47                         |           | $\dashv$     | _      |          | Ш            | Щ  | Ш            | _        | Щ        |       |       | 97       | ot             |
|       | 48                         | $\square$ | $\dashv$     | _      |          | Щ            | <u> </u>   | $\vdash$     | Ш        | Н        |       |       | 98       | $\sqcup$       |
|       | 49                         | $\sqcup$  | -            |        |          | Ш            | Щ  | Щ            | Щ        | Ш        |       |       | 99       | $\sqcup$       |
|       | 50                         | I         |              |        |          | ١.           |  |              |          |          |       |       | 100      | 1 <b>1</b>     |

| Cla   | aim                  | Date |  |  |  |     |  |  |   |  |  |
|-------|----------------------|------|--|--|--|-----|--|--|---|--|--|
| Final | Original             |      |  |  |  |     |  |  |   |  |  |
|       | 51                   |      |  |  |  |     |  |  | П |  |  |
|       | 52                   |      |  |  |  |     |  |  |   |  |  |
|       | 52<br>53<br>54<br>55 |      |  |  |  |     |  |  |   |  |  |
|       | 54                   |      |  |  |  |     |  |  |   |  |  |
|       | 55                   |      |  |  |  |     |  |  |   |  |  |
|       | 56                   |      |  |  |  |     |  |  |   |  |  |
|       | 57                   |      |  |  |  |     |  |  |   |  |  |
|       | 58<br>59             |      |  |  |  |     |  |  |   |  |  |
|       | 59                   |      |  |  |  |     |  |  |   |  |  |
|       | 60                   |      |  |  |  |     |  |  |   |  |  |
|       | 61                   |      |  |  |  | . • |  |  |   |  |  |

| Cla   | aim      | Date |  |  |  |  |  |  |   |  |  |
|-------|----------|------|--|--|--|--|--|--|---|--|--|
| Final | Original |      |  |  |  |  |  |  |   |  |  |
|       | 101      |      |  |  |  |  |  |  |   |  |  |
|       | 102      |      |  |  |  |  |  |  |   |  |  |
|       | 103      |      |  |  |  |  |  |  |   |  |  |
|       | 104      |      |  |  |  |  |  |  |   |  |  |
|       | 105      |      |  |  |  |  |  |  |   |  |  |
|       | 106      |      |  |  |  |  |  |  |   |  |  |
|       | 107      |      |  |  |  |  |  |  |   |  |  |
|       | 108      |      |  |  |  |  |  |  |   |  |  |
|       | 109      |      |  |  |  |  |  |  | Ĺ |  |  |
|       | 110      |      |  |  |  |  |  |  |   |  |  |

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